

ABSTRACT OF DISCLOSURE

The present invention teaches an improved process for preparing a population of microcapsules having a substantially uniform size distribution, especially useful for manufacture of carbonless paper. The improved process teaches use of membrane material having a pre-selected pore size in the capsule manufacture process. A core material is provided along with a receiving solution for receiving the core material. The receiving solution is a nonsolvent for the core material. The core material is passed under pressure through the membrane into a moving or turbulent receiving solution forming uniform droplets of core material dispersed in the receiving solution. Wall-forming material is added to the receiving solution for coating the core material droplets. The coating on the droplets is polymerized forming microcapsules. This novel process also lends itself to microcapsule formation in a continuous process.